

AN 126:31780 HCA

ED Entered STN: 14 Jan 1997

TI Dispersion stabilizers with good defoaming effect for suspension polymerization of vinyl compounds

IN Takada, Shigeki

PA Kuraray Co, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C08F002-20

ICA C08F016-06; C08F216-14; C08L029-04

CC 35-2 (Chemistry of Synthetic High Polymers)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08259609	A2	19961008	JP 1995-67710	19950327
	JP 3474304	B2	20031208		
RAI	JP 1995-67710		19950327		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 08259609	ICM	C08F002-20
	ICA	C08F016-06; C08F216-14; C08L029-04

AB Dispersion stabilizers for suspension polymn. of vinyl compds. are composed of (A) modified poly(vinyl alc.) [ethylene unit content (EC) 1-24 mol%; sapon. degree (SD) >80 mol%] and optionally (B) poly(vinyl alc.)-based polymers (SD 60-95 mol%; d.p. ≥ 600) in 1/9 - 8/2 ratio. The stabilizers give porous vinyl polymer particles with sharp particle size distribution, high bulk d., good plasticizer absorption, and less fisheyes in moldings. Thus, vinyl chloride (I) was suspension-polymd. in the presence of 0.15% (based on I) sapond. ethylene-vinyl acetate copolymer (EC 1.5 mol%; SD 88.0%; d.p. 700) and diisopropylperoxy dicarbonate in H₂O at 57.degree. for 6 h to give PVC particles showing good plasticizer absorption and less foaming.

dispersion stabilizer modified vinyl alc polymer; PVC particle prepn suspension polymn

IT Dispersing agents

(modified poly(vinyl alc.)-based dispersion stabilizers with defoaming effect for suspension polymn of vinyl compds.)

IT Polymerization

(suspension; modified poly(vinyl alc.)-based dispersion stabilizers with defoaming effect for suspension polymn of vinyl compds.)

IT 9002-86-2P, Poly(vinyl chloride)

RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
(modified poly(vinyl alc.)-based dispersion stabilizers with defoaming effect for suspension polymn of vinyl compds.)

IT 557-75-5D, Vinyl alcohol, polymers

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(modified poly(vinyl alc.)-based dispersion stabilizers with defoaming effect for suspension polymn of vinyl compds.)

IT 24937-78-8D, Ethylene-vinyl acetate copolymer, sapond. 31347-46-3D, Ethylene-itaconic acid-vinyl acetate copolymer, sapond.

RL: TEM (Technical or engineered material use); USES (Uses)

(modified poly(vinyl alc.)-based dispersion stabilizers with defoaming effect for suspension polymn of vinyl compds.)
